

217/782-2113

RENEWAL  
FEDERALLY ENFORCEABLE STATE OPERATING PERMIT

PERMITTEE

Great Lakes Graphics, Inc.  
Attn: Donald J. Zirnite  
5555 West Howard Street  
Skokie, Illinois 60077-2621

Application No.: 98090073

I.D. No.: 031288AJJ

Applicant's Designation:

Date Received: March 22, 2004

Subject: Lithographic Printing Facility

Date Issued:

Expiration Date:

Location: 5555 West Howard Street, Skokie, Illinois 60077

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of four sheetfed lithographic printing presses and plate-making/developing stations pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit is issued to limit the emissions of air pollutants from the source to less than major source thresholds (i.e., volatile organic material (VOM) to less than 25 tons per year, individual hazardous air pollutants (HAP) to less than 10 tons per year, and a combination of HAPs to less than 25 tons per year). As a result the source is excluded from the requirement to obtain a Clean Air Act Permit Program (CAAPP) permit. The maximum emissions of this source, as limited by the conditions of this permit, are described in Attachment A.
- b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
- c. This permit supersedes all operating permits issued for this location.
2. Emissions and operation of the four sheetfed lithographic printing presses and plate-making/developing stations shall not exceed the following limits:

<u>Material</u>	<u>VOM Usage</u>		<u>VOM Emissions</u>	
	<u>(Tons/Mo)</u>	<u>(Tons/Yr)</u>	<u>(Tons/Mo)</u>	<u>(Tons/Yr)</u>
Ink	0.44	5.2	0.1	0.3
Fountain Solution	0.17	2.0	0.17	2.0
Solvents	1.3	15.5	1.3	15.5

These limits are based on the maximum VOM usage, 95 percent retention for the inks, and 100 percent of the VOM from all other material being emitted. Compliance with the annual limits shall be determined from a running total of 12 months of data.

3. The emissions of Hazardous Air Pollutants (HAPs) as listed in Section 112(b) of the Clean Air Act shall not equal or exceed 10 tons per year of any single HAP or 25 tons per year of any combination of such HAPs, or such lesser quantity as USEPA may establish in rule which would require the Permittee to obtain a CAAPP permit from the Illinois EPA. As a result of this condition, this permit is issued based on the emissions of any HAP from this source not triggering the requirement to obtain a CAAPP permit from the Illinois EPA.
4. The combined emissions of volatile organic material (VOM) from all lithographic printing lines at this source shall never exceed 100 lb/day, as determined in accordance with 35 Ill. Adm. Code 218.411(a) (1) (B), before the application of capture and control devices.
- 5a. The Permittee shall collect and record the following information for each lithographic printing line:
  - i. VOM and HAP usage for each material (lbs/day, tons/month and tons/year); and
  - ii. VOM and HAP emissions (lbs/day, tons/month and tons/year).
- b. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA or USEPA request for records during the course of a source inspection.
6. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
7. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency  
Division of Air Pollution Control  
Compliance Section (#40)  
P.O. Box 19276  
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency  
Division of Air Pollution Control  
9511 West Harrison  
Des Plaines, Illinois 60016

Page 3

8. The Permittee shall submit the following additional information with the Annual Emissions Report, due May 1st of each year:
  - a. VOM and HAP usage for each material (tons/month and tons/year);  
and
  - b. VOM and HAP emissions (tons/month and tons/year).

Please note that one sheetfed printing press has been removed from this permit.

If you have any questions on this, please call Randy Solomon at 217/782-2113.

Donald E. Sutton, P.E.  
Manager, Permit Section  
Division of Air Pollution Control

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cc: Illinois EPA, FOS Region 1  
Illinois EPA, Compliance Section  
USEPA  
PCF #4

Attachment A - Emission Summary

This attachment provides a summary of the maximum emissions from the printing source operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from such a plant. This is using less than 25 tons per year of VOM containing materials. The resulting maximum emissions are well below the levels, e.g., 25 tons per year of VOM, 10 tons per year of individual HAPs, and 25 tons per year of a combination of such HAPs at which this source would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that less material is handled, lower VOM content materials are used and control measures are more effective than required in this permit.

VOM  
(Tons/Yr)

Single HAP  
(Tons/Yr)

Combined HAPs  
(Tons/Yr)

17.8

< 10

< 25

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